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U.S. DEPARTMENT OF COMMERCE
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SEARCH REQUEST FORM

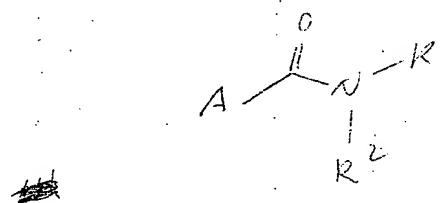
112358

Requestor's Name: Hong Li 4E01 Serial Number: 09/479, 315
Date: 1/16/04 Phone: 306-5814 Art Unit: 1674

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Barb please



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Date completed: 1-16-04

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Terminal time: 29

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Number of Searches:

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Search Site

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Type of Search

N.A. Sequence

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Structure

Bibliographic

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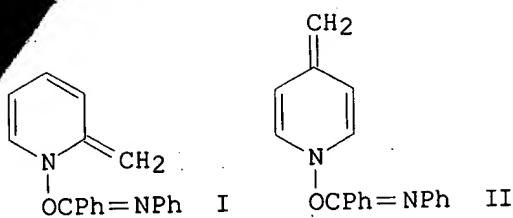
SDC

DARC/Questel

Other

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L8 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1981:568016 CAPLUS
DOCUMENT NUMBER: 95:168016
TITLE: Mechanism of direct side-chain acylation and
aminoarylation of 2- and 4-picoline 1-oxides
AUTHOR(S): Abramovitch, Rudolph A.; Abramovitch, Dorota A.;
Tomasik, Piotr
CORPORATE SOURCE: Dep. Chem. Geol., Clemson Univ., Clemson, SC, 29631,
USA
SOURCE: Journal of the Chemical Society, Chemical
Communications (1981), (11), 561-2
DOCUMENT TYPE: CODEN: JCCCAT; ISSN: 0022-4936
LANGUAGE: Journal
OTHER SOURCE(S): English
GI: CASREACT 95:168016

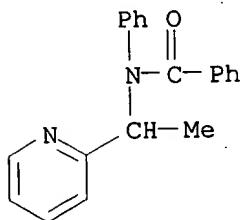


AB The isolation of radical coupling products and the observation of appropriate CINDP signals suggest that most of the title reactions proceed by homolysis of anhydro bases such as I and II (derived from 2- and 4-picoline 1-oxide resp. and N-phenylbenzimidoyl chloride) followed by radical recombinations. A diaza-oxy-Cope rearrangement may still account for the formation of alpha.-acylamination products.

IT **79249-69-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

RN 79249-69-7 CAPLUS
CN Benzamide, N-phenyl-N-[1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



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